

## Study of intra- and intermolecular interactions with participation of $\alpha$ -phosphorylated amines and alcohols in different solvents

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### Abstract

Specific interactions of  $\alpha$ -hydroxy- and  $\alpha$ -aminophosphonates in chloroform and pyridine solutions were studied by theoretical (molecular mechanics) and experimental methods (calorimetry and IR spectroscopy). A competition between intra- and intermolecular interactions and effect of steric factor in molecules of organophosphorus compounds were revealed.

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